

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No. P43-5007

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHOD OF INFORMATION EXTRACTION FROM ELECTROMAGNETIC ENERGY BASED UPON MULTI-CHARACTERISTIC SPATIAL GEOMETRY PROCESSING**, the specification of which:



is attached hereto.

was filed on July 21, 2000 as Application Serial No. 09/621,768  
 and was amended on \_\_\_\_\_ (if applicable).

was filed on \_\_\_\_\_ as International Application No. \_\_\_\_\_  
 and was amended on \_\_\_\_\_  
 by  Preliminary Amendment     Article 19;     Article 34 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 or §365 of any foreign application(s) for patent or inventor's certificate or §365 of any PCT international application(s) designating at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or §365 any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s):

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)

Power of Attorney: As a named inventor, I hereby appoint the following attorneys: Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; Paul E. Szabo, Reg. No. 30,429; James L. Tarolli, Reg. No. 36,029; Ronald M. Kachmarik, Reg. No. 34,512; and Richard S. Wesorick, Reg. No. 40,871, each with full powers of substitution and revocation to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: **TAROLLI, SUNDHEIM, COVELL, TUMMINO & SZABO L.L.P.**  
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**CLEVELAND, OHIO 44114-1400**

DIRECT TELEPHONE CALLS TO: **RONALD M. KACHMARIK, (216) 621-2234**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1) Full name of sole or first inventor BLAIR A. BARBOUR

Inventor's signature Blair A. Barbour

Residence MADISON, ALABAMA

Post Office Address 115 CHAD LANE, MADISON, ALABAMA 35758

Date 10/14/2000

Citizenship U.S.A.

County MADISON

2) Full name of second inventor \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

Date \_\_\_\_\_

Citizenship \_\_\_\_\_

County \_\_\_\_\_

Applicant or Patentee: Blair A. BarbourSerial or Patent No.: 09/621,768Filed or Issued: July 21, 2000

For: APPARATUS AND METHOD OF INFORMATION EXTRACTION FROM ELECTROMAGNETIC ENERGY BASED UPON MULTI-CHARACTERISTIC SPATIAL GEOMETRY PROCESSING

**VERIFIED STATEMENT (DECLARATION) CLAMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27(c))—SMALL BUSINESS CONCERN**

I hereby declare that I am

- the owner of the small business concern identified below:
- an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Photon-X, Inc.ADDRESS OF CONCERN 102A Wynn DriveHuntsville, AL 35805

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed, to and remain with the small business concern identified above with regard to the invention, entitled:

**APPARATUS AND METHOD OF INFORMATION EXTRACTION FROM ELECTROMAGNETIC ENERGY BASED UPON MULTI-CHARACTERISTIC SPATIAL GEOMETRY PROCESSING**by inventor(s)Blair A. Barbour

described in

- the specification filed herewith.
- application serial no. 09/621,768 filed July 21, 2000
- patent no. \_\_\_\_\_ issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named persons, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27).

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL     SMALL BUSINESS CONCERN     NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL     SMALL BUSINESS CONCERN     NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Blair A. Barbour

TITLE OF PERSON OTHER THAN OWNER President

SIGNATURE Blair A. Barbour Date 10/10/2000